

## GAPPED CORE STRUCTURE FOR MAGNETIC COMPONENTS

### ABSTRACT OF THE DISCLOSURE

A magnetic component includes a first monolithic core structure having a plurality of magnetic layers and at least one nonmagnetic layer separating one of the plurality of magnetic layers from another of the plurality of magnetic layers. A first opening extends through the first core structure, and a conductive element establishes a conductive path through the first opening, wherein the nonmagnetic layer separates the conductive element from one of the magnetic layers.